



# WRITTEN QUIZ

Procedures Handbook 4300

## INTRODUCTION TO THERMAL IMAGING CAMERAS

NAME: \_\_\_\_\_

DATE: \_\_\_\_\_

	<b><u>POINTS</u></b>
1. A TIC may take _____ seconds to power up.	<u>10</u>
2. Can internal camera problems be field repaired? True False	<u>10</u>
3. Clean a TIC with mild soap and water and a _____.	<u>10</u>
4. Name three items that can block a "heat signature". _____	<u>10</u>
5. What type of radiation does a TIC detect? _____	<u>10</u>
6. Objects that have a higher heat signature will appear _____ on the TIC screen.	<u>10</u>
7. Name four applications where a TIC may be used. _____ _____ _____ _____	<u>10</u>
8. A TIC looks at the "heat signature" of an object or person. True False	<u>10</u>
9. A TIC's battery life is _____ to _____ depending on the manufacturer, model and use.	<u>10</u>
10. For stubborn exterior stains on a TIC, isopropyl alcohol may be used. True False	<u>10</u>

**POINTS POSSIBLE:** 100

**POINTS DEDUCTED:** \_\_\_\_\_

**FINAL SCORE:** \_\_\_\_\_



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KEY	POINTS
1. A TIC may take <b>5 to 20</b> seconds to power up. Ref: TLP page 2-I-B-b-1	<u>10</u>
2. Can internal camera problems be field repaired? True <b>False</b> Ref: TLP page 3 I-C-2-b	<u>10</u>
3. Clean a TIC with mild soap and water and a <b>SOFT BRISTLED BRUSH</b> . Ref: TLP page 2 I-C-1-a	<u>10</u>
4. Name three items that can block a "heat signature". <b>GLASS STEAM WATER</b> Ref: TLP page 3 II-B-I-a-c	<u>10</u>
5. What type of radiation does a TIC detect? <b>INFRARED (IR)</b> Ref: TLP page 3 II-A-1	<u>10</u>
6. Objects that have a higher heat signature will appear <b>WHITE</b> on the TIC screen. Ref: TLP page 3 II-A-3-a	<u>10</u>
7. Name four applications where a TIC may be used. <b>STRUCTURAL FIREFIGHTING</b> <b>EMS</b> <b>HAZMAT</b> <b>WILDLAND FIREFIGHTING</b> <b>TRAINING</b> <b>FIREFIGHTER SAFETY</b> Ref: TLP page 4 III-A-1-6	<u>10</u>
8. A TIC looks at the "heat signature" of an object or person. <b>TRUE</b> False Ref: TLP page 3 II-A-3	<u>10</u>
9. A TIC's battery life is <b>SIXTY MINUTES</b> to <b>THREE HOURS</b> depending on the manufacturer, model and use. Ref: TLP, page 2 I-B-c-1	<u>10</u>
10. For stubborn exterior stains on a TIC, isopropyl alcohol may be used. <b>TRUE</b> False Ref: TLP page 2 I-C-1-b	<u>10</u>



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**FINAL SCORE:**